

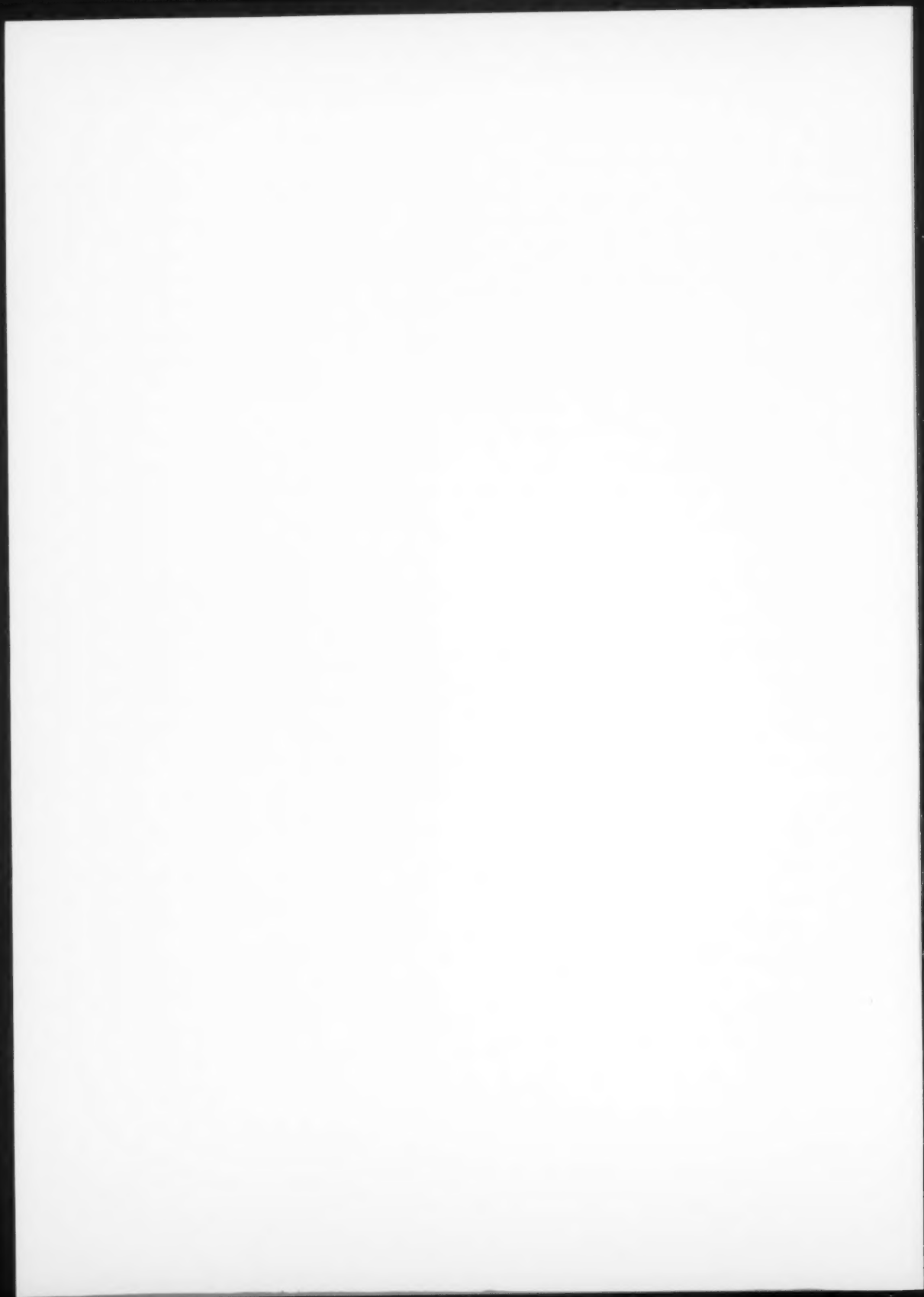
Subject Index

Volume 56

- 13-*cis*-retinoic acid, ellagic acid, esophagus, rat, chemoprevention, 117
- 3-amino-1-methyl-5*H*-pyrido-[4,3-*b*]indole, tryptophan pyrolysate, enzyme immunoassay, 207
- 2-acetyl-aminofluorene, *ras* activation, 3'-methyl-4'-dimethylamino-azobenzene, hepatocellular carcinoma, 17
- N*¹-acetylspemidine, hepatomas, liver preneoplastic nodules, polyamines, spermidine *N*¹-acetyltransferase, 159
- Aflatoxin B₁, crocetin, cytotoxicity, glutathione, glutathione *S*-transferase, glutathione peroxidase, aflatoxin B₁-DNA adduct, 1
- Aflatoxin B₁-DNA adduct, crocetin, aflatoxin B₁, cytotoxicity, glutathione, glutathione *S*-transferase, glutathione peroxidase, 1
- Alkylating agents - pharmacology, drug resistance, biochemical modulation of cancer chemotherapy, gossypol - pharmacology, 85
- 2-aminofluorene, *N,O*-glucuronosyl-2-acetylaminofluorene, *N*-glucuronosyl-*N*-hydroxy-2-aminofluorene, bladder tumor, 153
- Aneuploidy, preneoplastic liver, promotion, progression, cytospectrophotometry, nuclear DNA content, 131
- Anti-oxidants, *cis*-unsaturated fatty acids, tumoricidal, free radicals, lipid peroxidation, superoxide anion, 235
- Antileukemic, marine product, antiretrovirals, 197
- Antiproliferative effects, squamous cell carcinoma, flavonoid, quercetin, nobiletin, tangeretin, 147
- Antiretrovirals, antileukemic, marine product, 197
- Antitumor activity, *Streptococcus thermophilus*, fibrosarcoma, lactic acid bacteria, T-cells, 37
- Ascorbic acid, uterine sarcoma, two-stage carcinogenesis, 29
- 5-azacytidine, *S*-adenosyl-L-methionine, DNA methylation, enzyme altered foci, rat liver, 259
- BCG vaccine, mouse tumor models, immunotherapy, sarcoma, 137
- Biliary glycoprotein, carcinoembryonic antigen, granulocytes, colonic carcinoma cells, monoclonal antibody, 173
- Biochemical modulation of cancer chemotherapy, drug resistance, alkylating agents - pharmacology, gossypol - pharmacology, 85
- Bladder tumor, 2-aminofluorene, *N,O*-glucuronosyl-2-acetylaminofluorene, *N*-glucuronosyl-*N*-hydroxy-2-aminofluorene, 153
- Caffeine, mammary tumors, GR mice, 245
- Calcium, colon, lectin, soybean agglutinin, 65
- Cancer, dietary fat, metastasis, mammary tumor, 165
- Carcinoembryonic antigen, biliary glycoprotein, granulocytes, colonic carcinoma cells, monoclonal antibody, 173
- Carcinogenesis, citral, tumor-promotion, vitamin A, retinoic acid, 25
- Carcinogenesis, nitrosomethylurea, mammary, rat, 77
- Cell proliferation, neuroblastoma, *N*-myc, histone H3, 45
- Cervical carcinogenesis, chemoprevention, mace methylcholanthrene, 231
- Chemoprevention, ellagic acid, 13-*cis*-retinoic acid, esophagus, rat, 117
- Chemoprevention, mace methylcholanthrene, cervical carcinogenesis, 231
- Chemoprevention, skin papillomagenesis in mice, DMBA, mace, 59
- Chloroaluminum phthalocyanine tetrasulfonate, photodynamic therapy, lipid peroxidation, singlet oxygen, 125
- cis*-unsaturated fatty acids, tumoricidal, free radicals, lipid peroxidation, superoxide anion, anti-oxidants, 235
- Citral, tumor-promotion, vitamin A, retinoic acid, carcinogenesis, 25
- Colon, calcium, lectin, soybean agglutinin, 65
- Colonic carcinoma cells, biliary glycoprotein, carcinoembryonic antigen, granulocytes, monoclonal antibody, 173
- Colon adenocarcinoma, *N*-nitro-bis(2-oxypropyl)amine, European hamster, pathology, 53
- Crocetin, aflatoxin B₁, cytotoxicity, glutathione, glutathione *S*-transferase, glutathione peroxidase, aflatoxin B₁-DNA adduct, 1
- Cyclosporine, renal tumors, streptozotocin diabetes, rats, 109
- Cytokine, T cell growth factor, 71
- Cytospectrophotometry, aneuploidy, preneoplastic liver, promotion, progression, nuclear DNA content, 131
- Cytotoxicity, crocetin, aflatoxin B₁, glutathione, glutathione *S*-transferase, glutathione peroxidase, aflatoxin B₁-DNA adduct, 1

- Dietary fat, cancer, metastasis, mammary tumor, 165
- DMBA, skin papillomagenesis in mice, chemoprevention, mace, 59
- DNA amplification, protease inhibitors, ultraviolet radiation, X-rays, 103
- DNA methylation, S-adenosyl-L-methionine, 5-azacytidine, enzyme altered foci, rat liver, 259
- Doxorubicin, HIV-1, 181
- Drug resistance, biochemical modulation of cancer chemotherapy, alkylating agents - pharmacology, gossypol - pharmacology, 85
- DT diaphorase, Syrian hamster cells, malignant cells, tumor marker, 189
- Ellagic acid, 13-*cis*-retinoic acid, esophagus, rat, chemoprevention, 117
- Enzyme altered foci, S-adenosyl-L-methionine, 5-azacytidine, DNA methylation, rat liver, 259
- Enzyme immunoassay, 3-amino-1-methyl-5H-pyrido-[4,3-*b*]indole, tryptophan pyrolysate, 207
- Esophagus, ellagic acid, 13-*cis*-retinoic acid, rat, chemoprevention, 117
- Ethyl methanesulphonate, prostaglandin F₂ α , rat mammary carcinoma, 225
- European hamster, N-nitro-bis(2-oxypropyl)amine, colon adenocarcinoma, pathology, 53
- Fecapentaene-12 diacetate, tumor initiation study, α -tocopherol, 11
- Fibrosarcoma, antitumor activity, *Streptococcus thermophilus*, lactic acid bacteria, T-cells, 37
- Flavonoid, antiproliferative effects, squamous cell carcinoma, quercetin, nobletin, tangeretin, 147
- Free radicals, *cis*-unsaturated fatty acids, tumoricidal, lipid peroxidation, superoxide anion, anti-oxidants, 235
- Ganglioside, vitamin A, tumor, 251
- Gastrointestinal tract nuclear anomalies, polycyclic aromatic hydrocarbons, polycyclic aromatic hydrocarbon mixtures, 215
- N-glucuronosyl-N-hydroxy-2-aminofluorene, 2-aminofluorene, N,O-glucuronosyl-2-acetylaminofluorene, bladder tumor, 153
- N,O-glucuronosyl-2-acetylaminofluorene, 2-aminofluorene, N-glucuronosyl-N-hydroxy-2-aminofluorene, bladder tumor, 153
- Glutathione, crocetin, aflatoxin B₁, cytotoxicity, glutathione S-transferase, glutathione peroxidase, aflatoxin B₁-DNA adduct, 1
- Glutathione peroxidase, crocetin, aflatoxin B₁, cytotoxicity, glutathione, glutathione S-transferase, aflatoxin B₁-DNA adduct, 1
- Glutathione S-transferase, crocetin, aflatoxin B₁, cytotoxicity, glutathione, glutathione peroxidase, aflatoxin B₁-DNA adduct, 1
- Gossypol - pharmacology, drug resistance, biochemical modulation of cancer chemotherapy, alkylating agents - pharmacology, 85
- GR mice, caffeine, mammary tumors 245
- Granulocytes, biliary glycoprotein, carcinoembryonic antigen, colonic carcinoma cells, monoclonal antibody, 173
- Hepatocellular carcinoma, *ras* activation, 2-acetylaminofluorene, 3'-methyl-4'-dimethylamino-azobenzene, 17
- Hepatomas, liver preneoplastic nodules, N¹-acetylspermidine, polyamines, spermidine N¹-acetyltransferase, 159
- Histone H3, neuroblastoma, N-myc, cell proliferation, 45
- HIV-1, doxorubicin, 181
- Human renal carcinoma, targeted liposomes, monoclonal antibody, methotrexate, 97
- Immunotherapy, BCG vaccine, mouse tumor models, sarcoma, 137
- Lactic acid bacteria, antitumor activity, *Streptococcus thermophilus*, fibrosarcoma, T-cells, 37
- Lectin, colon, calcium, soybean agglutinin, 65
- Lipid peroxidation, *cis*-unsaturated fatty acids, tumoricidal, free radicals, superoxide anion, anti-oxidants, 235
- Lipid peroxidation, photodynamic therapy, chloroaluminum phthalocyanine tetrasulfonate, singlet oxygen, 125
- Liver preneoplastic nodules, hepatomas, N¹-acetylspermidine, polyamines, spermidine N¹-acetyltransferase, 159
- Mace, skin papillomagenesis in mice, DMBA, chemoprevention, 59
- Mace methylcholanthrene, chemoprevention, cervical carcinogenesis, 231
- Malignant cells, DT diaphorase, Syrian hamster cells, tumor marker, 189
- Mammary, nitrosomethylurea, carcinogenesis, rat, 77
- Mammary tumor, dietary fat, cancer, metastasis, 165
- Mammary tumors, caffeine, GR mice, 245
- Marine product, antileukemic, antiretrovirals, 197
- Metastasis, dietary fat, cancer, mammary tumor, 165
- Methotrexate, targeted liposomes, monoclonal antibody, human renal carcinoma, 97
- 3'-methyl-4'-dimethylamino-azobenzene, *ras* activation, 2-acetylaminofluorene, hepatocellular carcinoma, 17
- Monoclonal antibody, biliary glycoprotein, carcinoembryonic antigen, granulocytes, colonic carcinoma cells, 173
- Monoclonal antibody, targeted liposomes, human renal carcinoma, methotrexate, 97
- Mouse tumor models, BCG vaccine, immunotherapy, sarcoma, 137

- N-myc*, neuroblastoma, histone H3, cell proliferation, 45
N-nitro-bis(2-oxypropyl)amine, European hamster, colon adenocarcinoma, pathology, 53
 Neuroblastoma, *N-myc*, histone H3, cell proliferation, 45
 Nitrosomethylurea, carcinogenesis, mammary, rat, 77
 Nobiletin, antiproliferative effects, squamous cell carcinoma, flavonoid, quercetin, tangeretin, 147
 Nuclear DNA content, aneuploidy, preneoplastic liver, promotion, progression, cytospectrophotometry, 131
- Pathology, *N-nitro-bis(2-oxypropyl)amine*, European hamster, colon adenocarcinoma, 53
 Photodynamic therapy, chloroaluminum phthalocyanine tetrasulfonate, lipid peroxidation, singlet oxygen, 125
 Polyamines, hepatomas, liver preneoplastic nodules, *N*¹-acetylspermidine, spermidine *N*¹-acetyltransferase, 159
 Polycyclic aromatic hydrocarbons, gastrointestinal tract nuclear anomalies, polycyclic aromatic hydrocarbon mixtures, 215
 Polycyclic aromatic hydrocarbon mixtures, polycyclic aromatic hydrocarbons, gastrointestinal tract nuclear anomalies, 215
 Preneoplastic liver, aneuploidy, promotion, progression, cytospectrophotometry, nuclear DNA content, 131
 Progression, aneuploidy, preneoplastic liver, promotion, cytospectrophotometry, nuclear DNA content, 131
 Promotion, aneuploidy, preneoplastic liver, progression, cytospectrophotometry, nuclear DNA content, 131
 Prostaglandin F₂ α , rat mammary carcinoma, ethyl methanesulphonate, 225
 Protease inhibitors, DNA amplification, ultraviolet radiation, X-rays, 103
- Quercetin, antiproliferative effects, squamous cell carcinoma, flavonoid, nobiletin, tangeretin, 147
- ras activation, 2-acetyl-aminofluorene, 3'-methyl-4'-dimethylamino-azobenzene, hepatocellular carcinoma, 17
 Rat, ellagic acid, 13-*cis*-retinoic acid, esophagus, chemoprevention, 117
 Rat, nitrosomethylurea, carcinogenesis, mammary, 77
 Rats, cyclosporine, renal tumors, streptozotocin diabetes, 109
 Rat liver, S-adenosyl-L-methionine, 5-azacytidine, DNA methylation, enzyme altered foci, 259
 Rat mammary carcinoma, prostaglandin F₂ α , ethyl methanesulphonate, 225
 Renal tumors, cyclosporine, streptozotocin diabetes, rats, 109
 Retinoic acid, citral, tumor-promotion, vitamin A, carcinogenesis, 25
- S-adenosyl-L-methionine, 5-azacytidine, DNA methylation, enzyme altered foci, rat liver, 259
- Sarcoma, BCG vaccine, mouse tumor models, immunotherapy, 137
 Singlet oxygen, photodynamic therapy, chloroaluminum phthalocyanine tetrasulfonate, lipid peroxidation, 125
 Skin papillomagenesis in mice, DMBA, chemoprevention, mace, 59
 Soybean agglutinin, colon, calcium, lectin, 65
 Spermidine *N*¹-acetyltransferase, hepatomas, liver preneoplastic nodules, *N*¹-acetylspermidine, polyamines, 159
 Squamous cell carcinoma, antiproliferative effects, flavonoid, quercetin, nobiletin, tangeretin, 147
Streptococcus thermophilus, antitumor activity, fibrosarcoma, lactic acid bacteria, T-cells, 37
 Streptozotocin diabetes, cyclosporine, renal tumors, rats, 109
 Superoxide anion, *cis*-unsaturated fatty acids, tumoricidal, free radicals, lipid peroxidation, anti-oxidants, 235
 Syrian hamster cells, DT diaphorase, malignant cells, tumor marker, 189
- T-cells, antitumor activity, *Streptococcus thermophilus*, fibrosarcoma, lactic acid bacteria, 37
 Tangeretin, antiproliferative effects, squamous cell carcinoma, flavonoid, quercetin, nobiletin, 147
 Targeted liposomes, monoclonal antibody, human renal carcinoma, methotrexate, 97
 α -tocopherol, fecapentaene-12 diacetate, tumor initiation study, 11
 Tryptophan pyrolysate, 3-amino-1-methyl-5H-pyrido-[4,3-*b*]indole, enzyme immunoassay, 207
 Tumor, ganglioside, vitamin A, 251
 Tumor-promotion, citral, vitamin A, retinoic acid, carcinogenesis, 25
 Tumoricidal, *cis*-unsaturated fatty acids, free radicals, lipid peroxidation, superoxide anion, anti-oxidants, 235
 Tumor initiation study, fecapentaene-12 diacetate, α -tocopherol, 11
 Tumor marker, DT diaphorase, Syrian hamster cells, malignant cells, 189
 Two-stage carcinogenesis, uterine sarcoma, ascorbic acid, 29
 T cell growth factor, cytokine, 71
- Ultraviolet radiation, DNA amplification, protease inhibitors, X-rays, 103
 Uterine sarcoma, two-stage carcinogenesis, ascorbic acid, 29
- Vitamin A, citral, tumor-promotion, retinoic acid, carcinogenesis, 25
 Vitamin A, ganglioside, tumor, 251
- X-rays, DNA amplification, protease inhibitors, ultraviolet radiation, 103



Author Index

Volume 55

Abolhassani, M.	71	Halka, K.	109
Agarwal, R.	125	Han, M.C.	77
Akiyoshi, T.	225	Haubeck, H.-D.	173
Anderson, C.H.	77	Hei, T.K.	131
Athar, M.	125	Henneman, J.R.	11
		Hiroshi, I.	225
Beattie, C.W.	77	Hong, L.	17
Belitsky, P.	97	Hubbard, N.E.	165
Benz, C.C.	85	Hussain, R.A.	77
Bickers, D.R.	125	Hussain, S.P.	59, 231
Castello, M.A.	45	Imaida, K.	153
Chiao, J.W.	71	Inoue, H.	225
Chou, S.C.	197		
Cohen, L.	65	Jannu, L.N.	59
Connor, M.J.	25	Jyothirmayi, G.N.	109
Daino, L.	259	Kaklij, G.S.	37
Daniel, E.M.	117	Kamino, K.	53
Daniel, F.B.	215	Kandaswami, C.	147
Das, U.N.	235	Keefer, L.K.	11
Devor, D.E.	11	Kelkar, S.M.	37
Dominici, G.	45	Kennedy, A.R.	103
Drezewiecki, G.	147	Kerr, D.J.	181
Drzeniek, Z.	173	Khan, M.Y.	109
		Kitagawa, T.	17
Erickson, K.L.	165	Klegerman, M.E.	137
Ernst, H.	53	Kohler, M.	53
Fenger, U.	173	Lai, P.	259
Feo, F.	259	Lamerz, R.	173
Ferrari, S.	45	Lee, G.-H.	17
Flick, M.B.	103	Lee, M.-S.	153
Ford, J.M.	85	Lin, J.-K.	1
Furusawa, S.	197	Lipkin, M.	65
Furusawa, E.	197	Liu, J.	17
		Logsdon, D.L.	11
Germann, P.-G.	53		
Ghose, T.	97	Matlin, S.A.	85
Ghosh, A.	251	Matsuoka, H.	225
Guibilei, C.	45	Mezei, M.	97
		Middleton, Jr., E.	147
Hait, W.N.	85	Miyairi, S.	207

Mohr, U.	53	Singh, M.	97
Mukhtar, H.	125	Soloniuk, D.S.	147
		Spandidos, D.A.	181
Nambara, T.	207	Stober, J.A.	215
Negróni, A.	45	Stoner, G.D.	117
Nomura, K.	17	Streeter, A.J.	11
		Sudilovsky, O.	131
Ohtake, K.	17		
Olson, G.R.	215	Takaki, R.	225
		Trukhanova, L.S.	29
Parfenov, Yu.D.	29	Tsuda, H.	189
Pascale, R.	259	Turusov, V.S.	29
Perin, A.	159		
Perkins, E.	147	Ueo, H.	225
		Ujjainwala, L.	137
Rao, A.R.	59, 231	Urban S.A.	125
Raschellà, G.	45		
Reddi, A.S.	109	VanderPloeg, L.C.	245
Reddy, T.V.	215	Vannini, M.G.	259
Rice, J.M.	11		
Romeo, A.	45	Wagener, C.	173
Ruggiu, M.E.	259	Wang, C.-J.	1
		Wang, C.Y.	153
Saha, S.	251	Ward, J.M.	11
Sainis, K.B.	37	Welsch, C.W.	245
Satta, G.	259		
Seddaiu, M.A.	259	Yang, K.	65
Sequenza, M.J.	259		
Sessa, A.	159	Zeunert, P.	137
Shenoy, M.A.	37	Zoumpourlis, V.	181
Shiah, H.-S.	1	Zukowski, K.	153
Simile, M.M.	259		

